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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/714,885	11/18/2003	Takenori Yoshizawa	0717-0520P	2816
2292	7590	07/28/2010	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747				WUJCIAK, ALFRED J
ART UNIT		PAPER NUMBER		
3632				
			NOTIFICATION DATE	DELIVERY MODE
			07/28/2010	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/714,885	YOSHIZAWA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Alfred Joseph Wujciak III	3632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 20 May 2010.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-8 and 10-18 is/are pending in the application.  
 4a) Of the above claim(s) 9 and 19-25 is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-8 and 10-18 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ .	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____ .

This is the final Office Action for the serial number 10/714,885, SUBSTRATE ACCOMMODATING TRAY, filed on 11/18/03.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-8 and 10-18 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claim 1, lines 6-7 and 12-13, "a first opening provided between the pair of first frame portions and the pair of second frame portions" is considered new matter because in page 5, lines 23-24 of applicant's specification states "the support element having a first opening provided between the pair of first frame portions" and in page 6, lines 9-10 of specification states "a second opening provided between the pair of second frame portions".

Claims 2-8 and 10-18 are rejected as depending on rejected claim 1.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-8 and 10-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, lines 6-7, “a first opening provided between the pair of first frame portions and the pair of second frame portions” is indefinite because page 5, lines 23-24 of applicant’s specification states “the support element having a first opening provided between the pair of first frame portions” and in page 6, lines 9-10 of specification states “a second opening provided between the pair of second frame portions”. The plate-like support element as cited in claim 1, line 5 is element 41 and the first opening is 41a, how can first opening be in between the first frame portions and the pair of second frame portions when the pair of second frame portions are located on the other side of tray (opposite from pair of first frame portions 41).

Claims 2-8 and 10-18 are rejected as depending on rejected claim 1.

### ***Claim Rejections - 35 USC § 102***

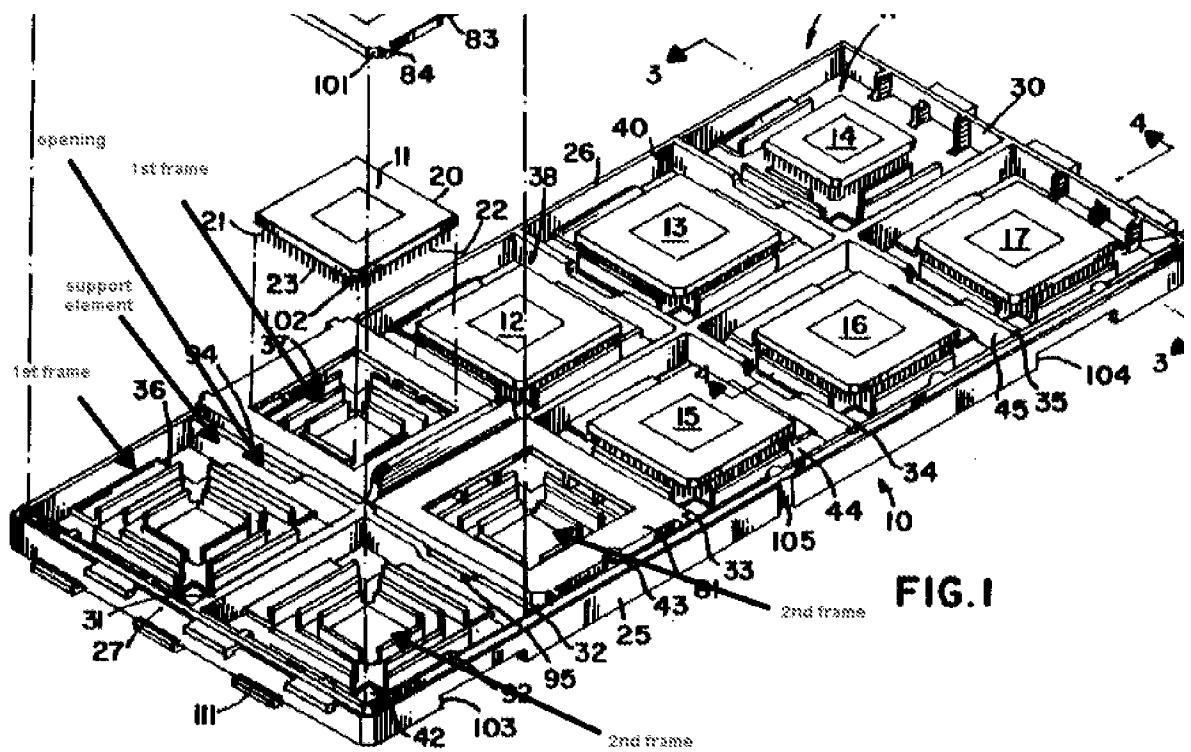
The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, 6 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent # 5,103,976 to Murphy.

Murphy teaches a tray comprising a frame (24) includes a pair of first frame portions (36-37, 50) facing each other and a pair of second frame portions (42-43, 50) facing each other, a plate-like support element (32) having a opening (94) provided between the pair of first frame portions and at least one support member (80) provided along the first opening between the first of frame portions. The support element has a second opening (95) provided between the pair of second frame portions. The try includes at least one reinforcing member (31) provided in the support element between the pair of first frame portions. The pair of first frame portions are substantially parallel to each other. The pair of first frame portions and the pair of second frame portions are substantially perpendicular to each other. The frame is quadrangular frame. The support element and opening penetrate the area surrounded by the frame so that the opening extends through the area surrounded by the frame.



**FIG. I**

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy.

Murphy teaches the support member but fails to teach the support member is not project over an upper surface of the support element. It would have been obvious for one of ordinary skill in the art at the time the invention was made to have reduced the height of support member to be flush

with the support element to reduce the chance of interference with the other tray when being stacked with tray as shown in figure 6.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy in view of Japan Patent # 10,007,171 to Ikeguchi.

Murphy teaches the support element but fails to teach the support element contains a foamed synthetic resin. Ikeguchi teaches foamed synthetic resin (see abstract). It would have been obvious for one of ordinary skill in the art at the time the invention was made to have modified Murphy's support element with foamed synthetic resin as taught by Ikeguchi to reduce weight in the support element.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy in view of US Patent # 6,227,372 to Thomas et al.

Murphy teaches the frame and at least one support member but fails to teach the frame and at least one support member contain aluminum. Thomas teaches the aluminum (claim 11, line 3). It would have been obvious for one of ordinary skill in the art at the time the invention was made to have modified Murphy's frame and support member with aluminum as taught by Thomas to handle high temperature applications (column 1, lines 6-9 in Thomas's invention).

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-8 and 10-18 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alfred Joseph Wujciak III whose telephone number is (571) 272-6827. The examiner can normally be reached on 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, J. Allen Shriver can be reached on 571-272-6698. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alfred Joseph Wujciak III/  
Primary Examiner, Art Unit 3632  
7/23/10